

## Claims

1. A wireless computer network planning system for planning a wireless computer network having a predetermined layout, said system comprising:
  - a template database for storing a plurality of templates;
  - a template identifier coupled to the template database, said template identifier for receiving search terms and for searching said template database for matching templates;
  - a network performance contour overlay generator for creating network performance contour overlays from performance parameters extracted from said matching templates;
  - a network performance contour overlay superimposer for receiving said predetermined layout and for superimposing at least one of said network performance contour overlays onto said predetermined layout producing a superimposed layout.
2. The system in accordance with claim 1, wherein said template database comprises a test-bed template database and a simulation template database.
3. The system in accordance with claim 2, wherein said plurality of templates comprises a plurality of test-bed templates and a plurality of simulation templates.
4. The system in accordance with claim 1, further comprising a displaying means for displaying said superimposed layout.
5. The system in accordance with claim 1, further comprising a reproduction means for printing said superimposed layout onto some media means.
6. A method for planning a wireless computer network for a predetermined layout, said method comprising the steps:
  - a. receiving said predetermined layout and search terms;

- b. searching a template database for suitable matching templates based on said search terms;
- c. creating at least one network performance contour overlay from said matching templates; and
- d. superimposing said at least one network performance contour overlay onto said predetermined layout.

7. The method in accordance with claim 6, wherein said step b. further comprises the steps:

- b1. receiving search terms; and
- b2. searching a simulation template database and a test-bed template database in said template database.

8. The method in accordance with claim 6, wherein said step c. further comprises the steps:

- c1. receiving desired performance parameters;
- c2. Extracting said desired performance parameters data from said matching templates in said template database; and
- c3. generating network performance contour overlays from said desired performance parameters data.

9. The method in accordance with claim 6, after step b. comprising step e.:  
assigning a matching template if step b. produces no matching template.